

**AECOM**

San Francisco-Oakland Bay Bridge  
East Span Seismic Safety Project

## EXHIBIT A - PROJECT VICINITY MAP

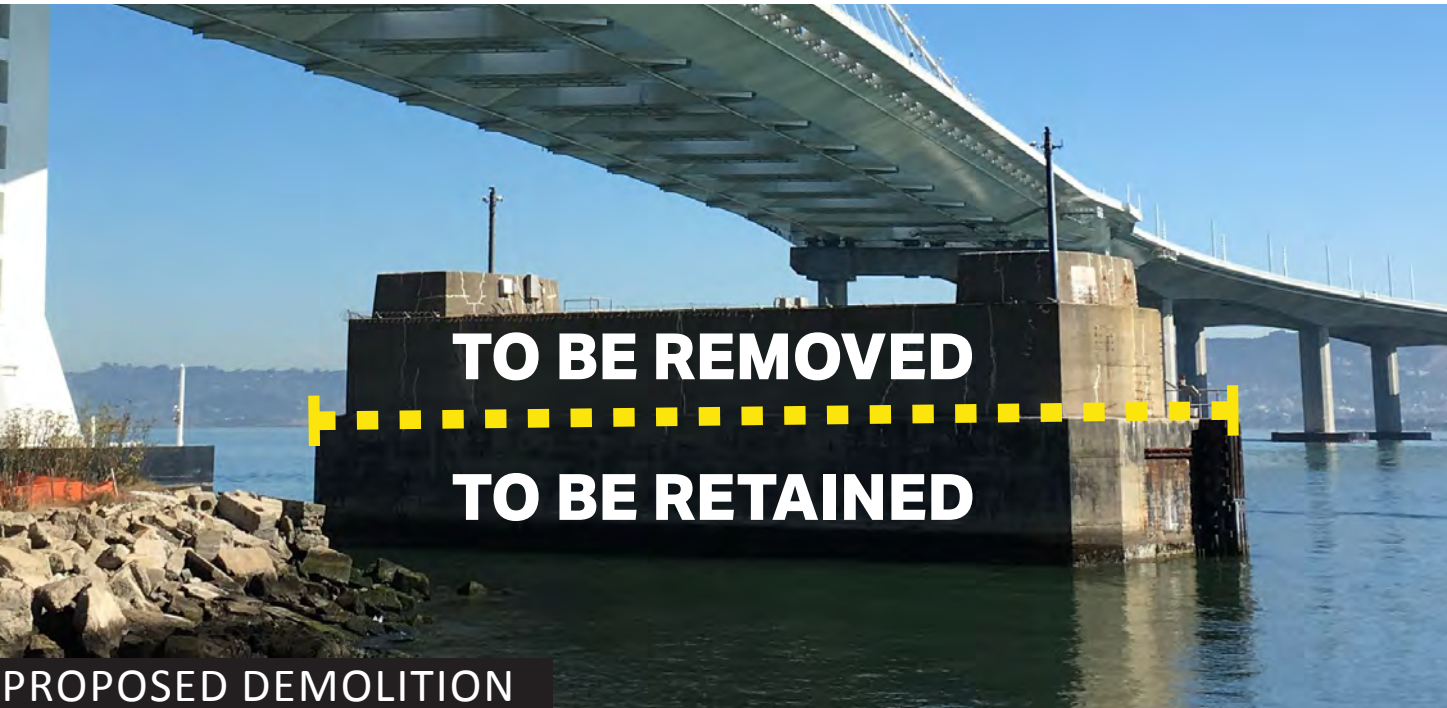








# EXISTING CONDITIONS



# SCALE COMPARISON








# BIKE ACCESS



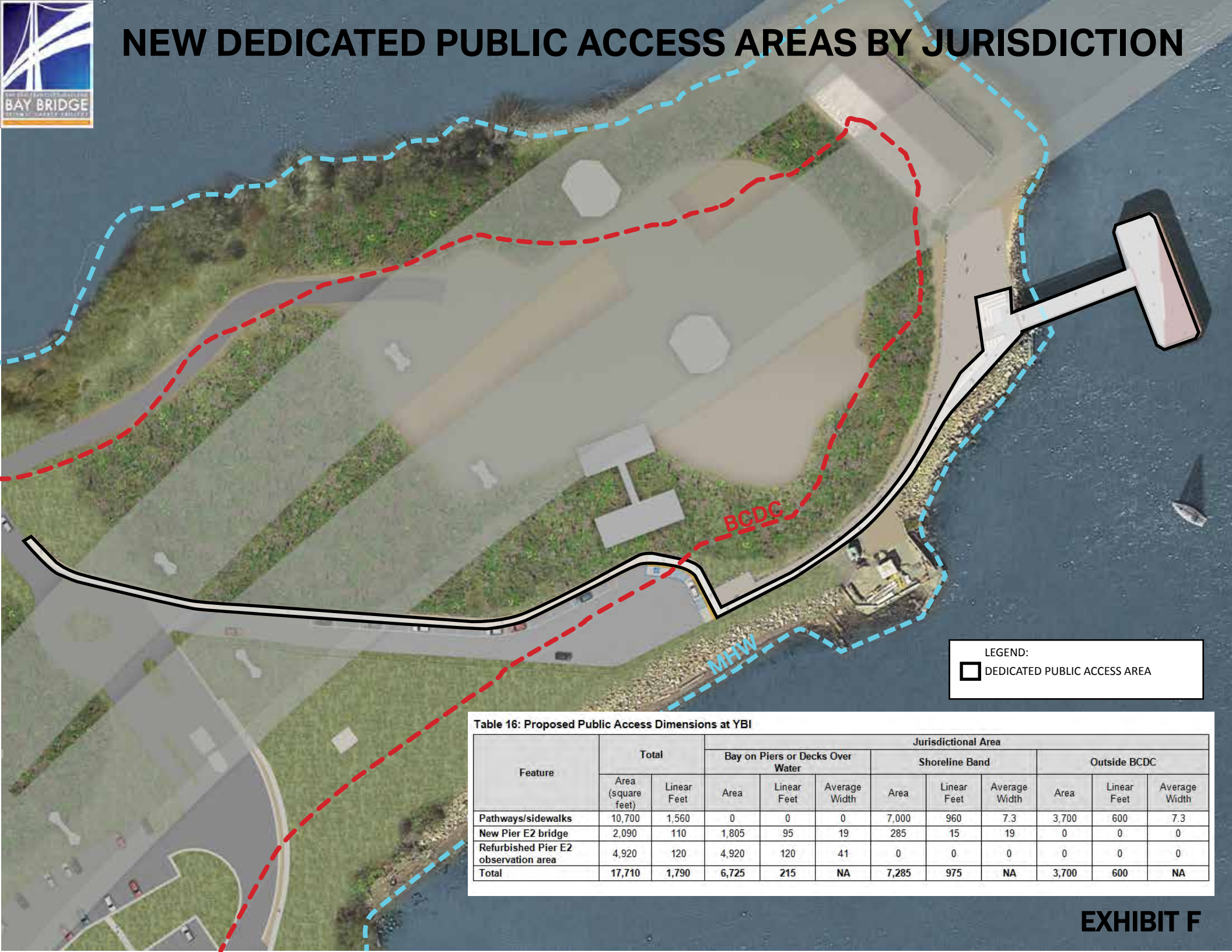
VIEW OF BAY BRIDGE TRAIL LANDING

-  OAKLAND ROUTE-BIKE
-  TREASURE ISLAND-BIKE
-  STREETScape SECTION





# NEW DEDICATED PUBLIC ACCESS AREAS BY JURISDICTION



LEGEND:


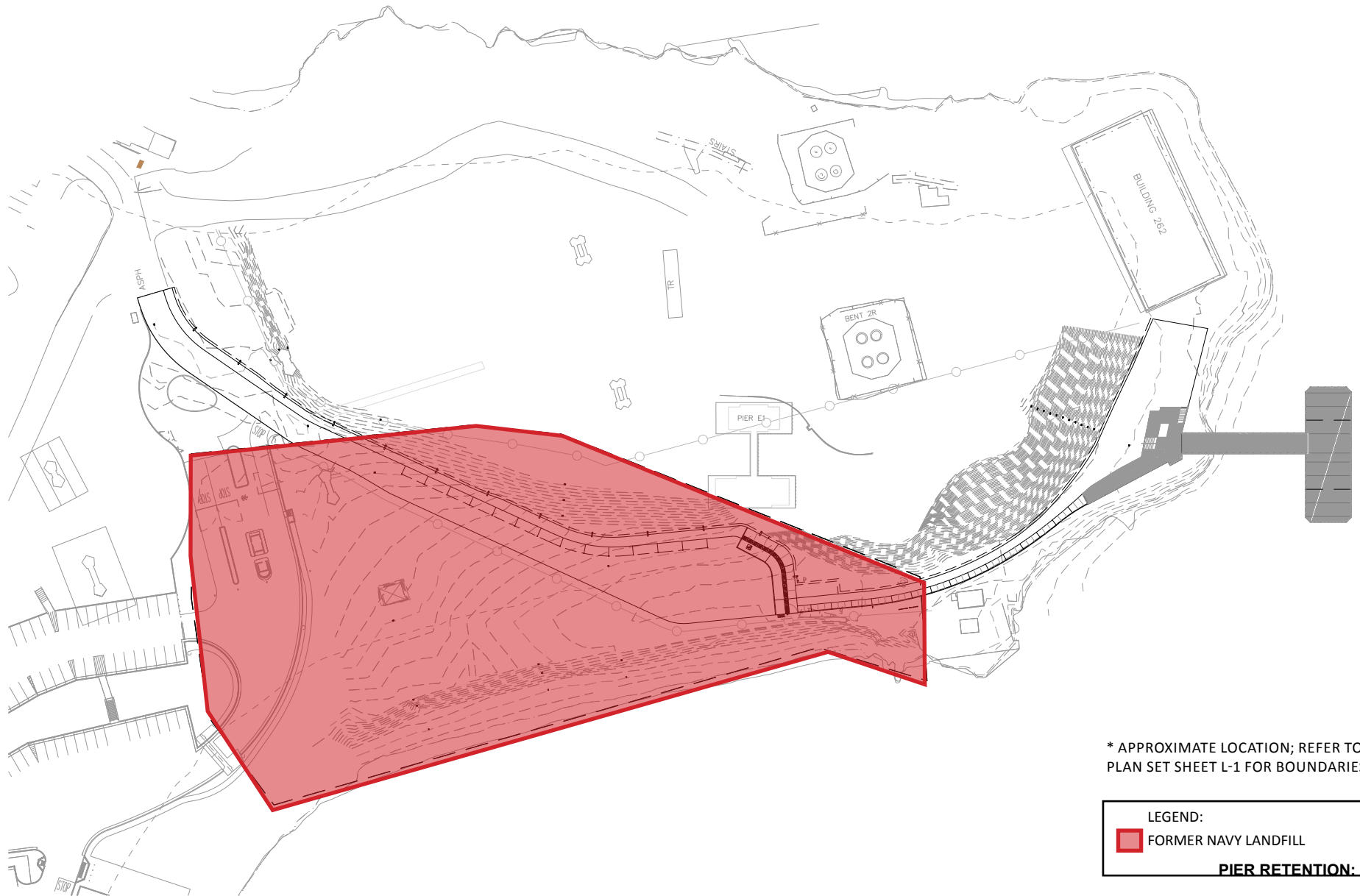
 DEDICATED PUBLIC ACCESS AREA

Table 16: Proposed Public Access Dimensions at YBCI

Feature	Total		Jurisdictional Area								
			Bay on Piers or Decks Over Water			Shoreline Band			Outside BCDC		
	Area (square feet)	Linear Feet	Area	Linear Feet	Average Width	Area	Linear Feet	Average Width	Area	Linear Feet	Average Width
Pathways/sidewalks	10,700	1,560	0	0	0	7,000	960	7.3	3,700	600	7.3
New Pier E2 bridge	2,090	110	1,805	95	19	285	15	19	0	0	0
Refurbished Pier E2 observation area	4,920	120	4,920	120	41	0	0	0	0	0	0
Total	17,710	1,790	6,725	215	NA	7,285	975	NA	3,700	600	NA



# INTERIM PLAN @ INSTALLATION RESTORATION SITE 11\*



\* APPROXIMATE LOCATION; REFER TO CALTRANS  
PLAN SET SHEET L-1 FOR BOUNDARIES

LEGEND:

 FORMER NAVY LANDFILL

**PIER RETENTION:**

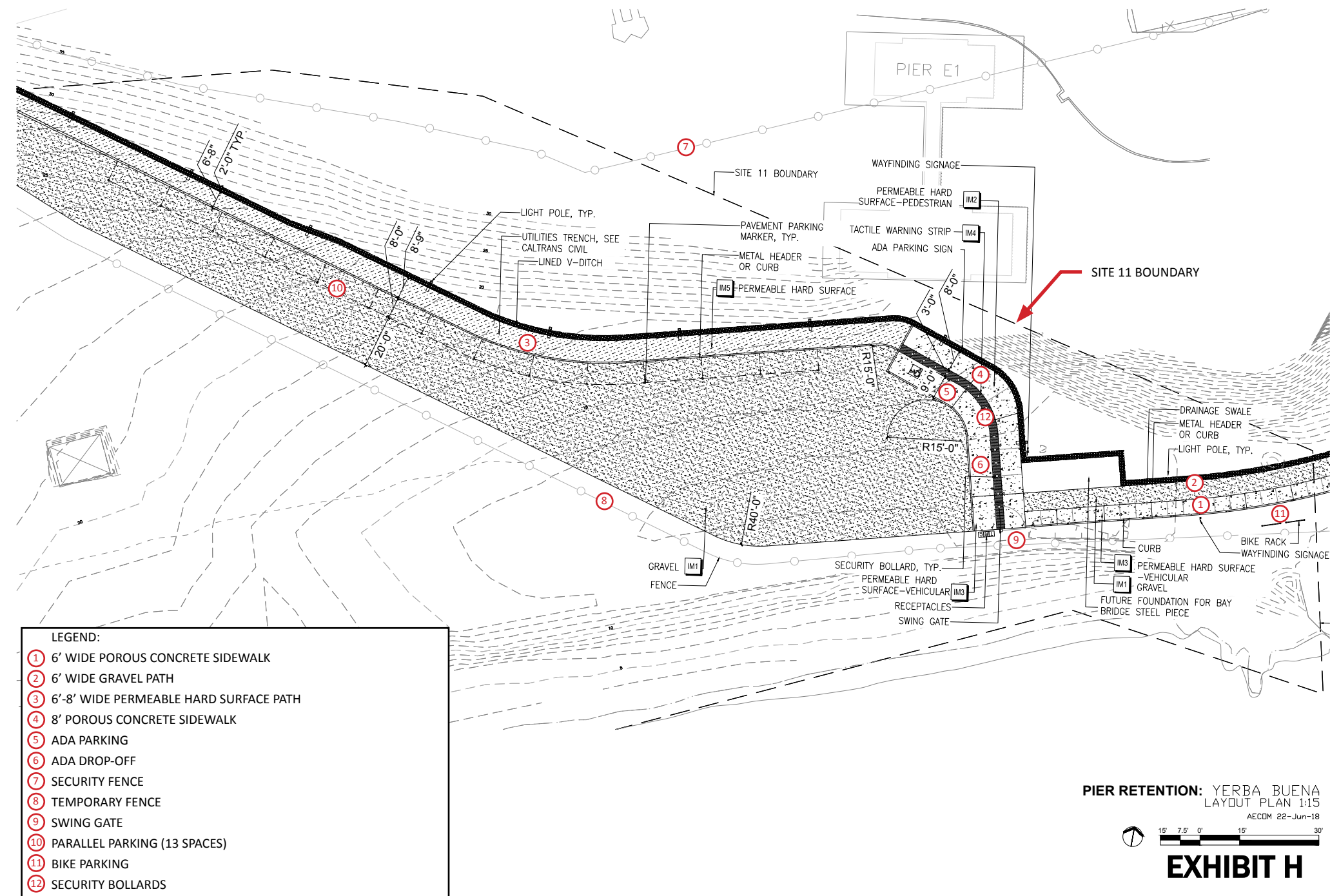


**EXHIBIT G**





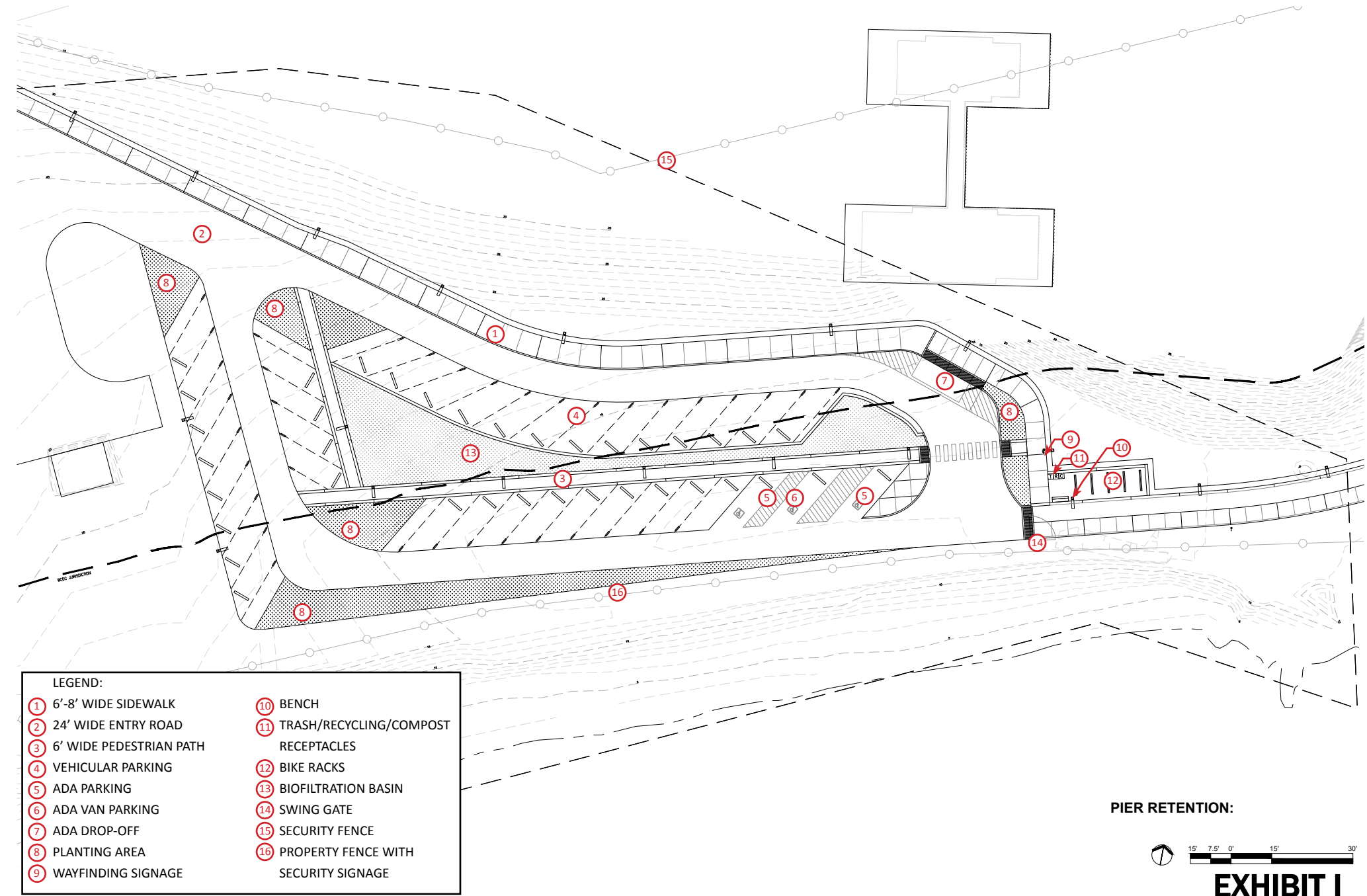
# YBI PARKING PLAN - INTERIM BUILD-OUT







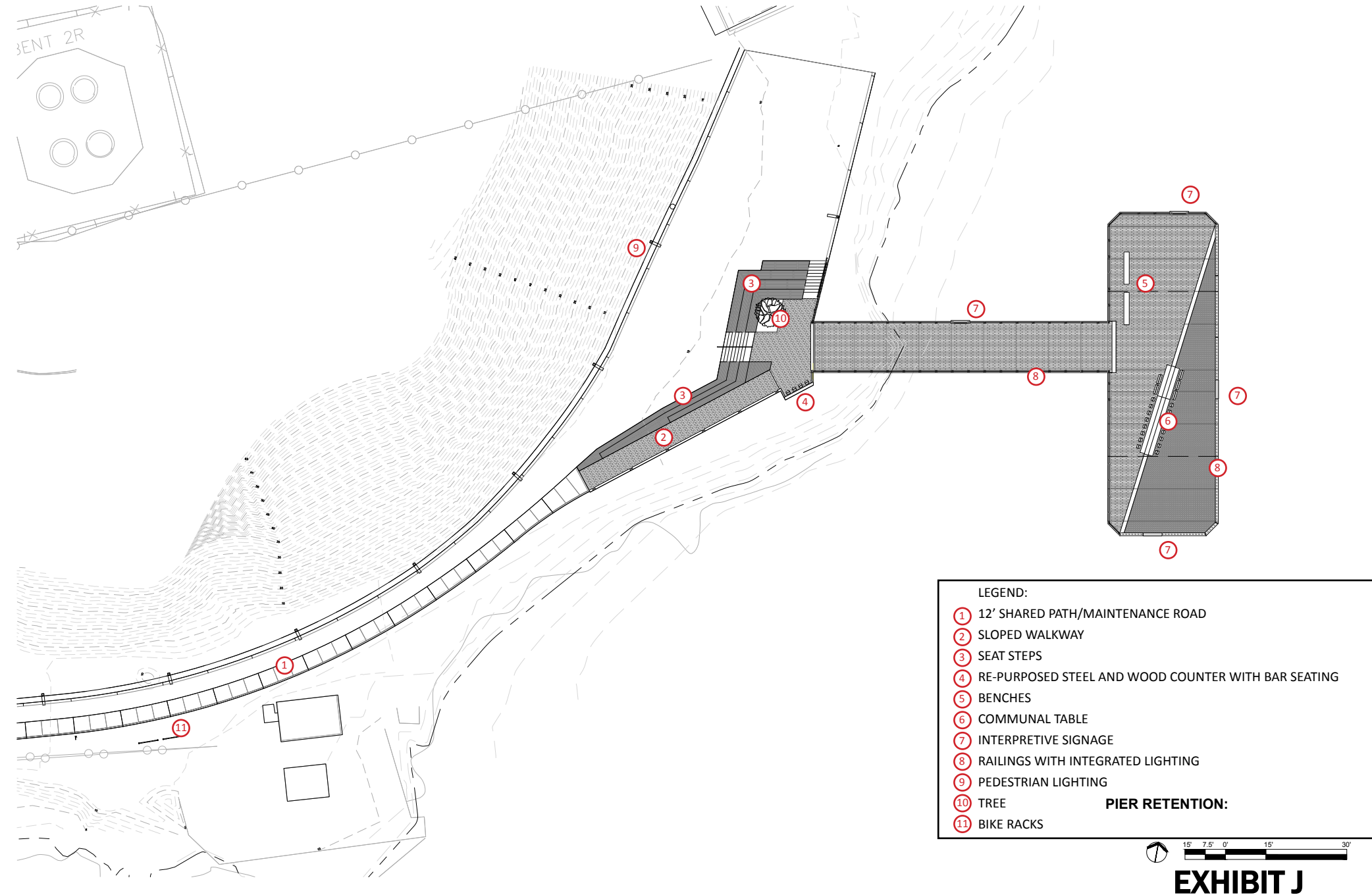
# YBI PARKING PLAN - FULL BUILD OUT CONCEPTUAL DESIGN







# YBI PIER PLAN-FULL BUILD-OUT





# VIEWS - YBI FINAL BUILD-OUT





# VIEWS - YBI FINAL BUILD-OUT







# VIEWS - YBI FINAL BUILD-OUT





# VIEWS - YBI FINAL BUILD-OUT





# DESIGN FOR SEA LEVEL RISE

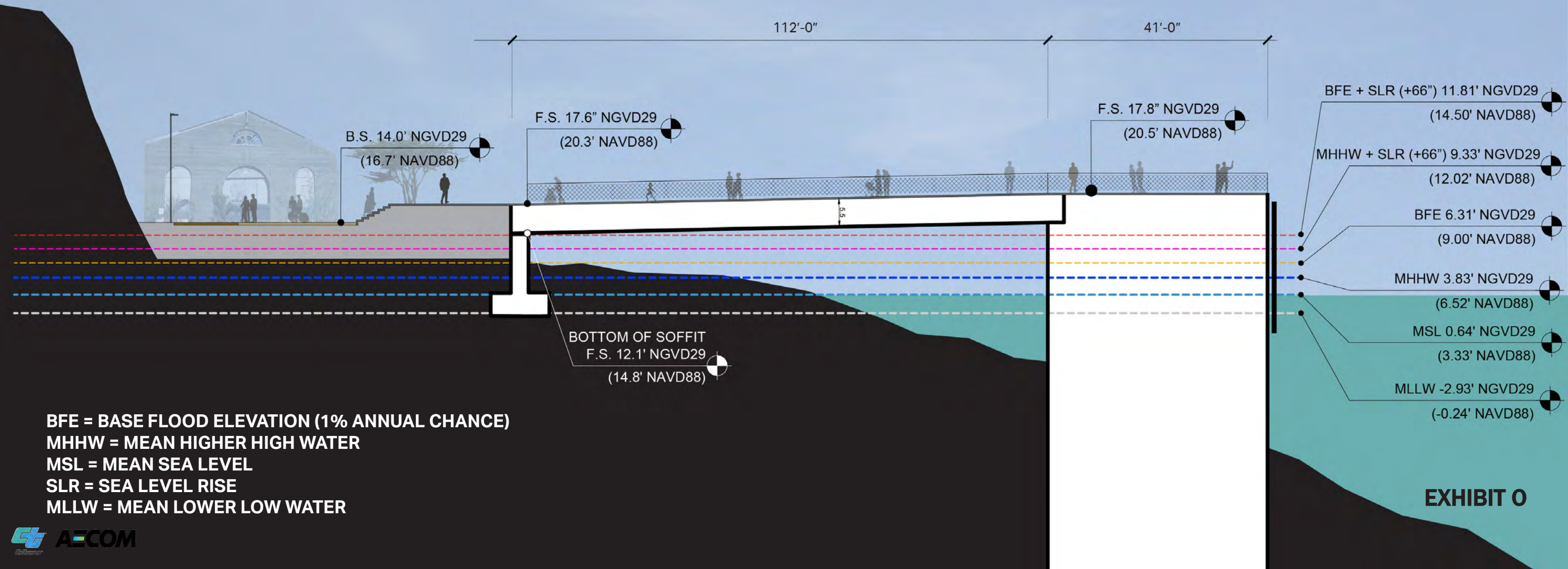
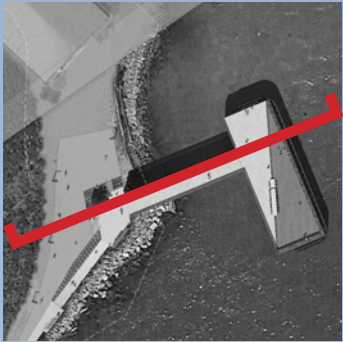


EXHIBIT O



Dist

COUNTY

ROUTE

POST MILES  
TOTAL PROJECT

SHEET  
NO.

TOTAL  
SHEETS

04

SF, Alq

80

8.0/8.3  
0.9/1.4

47R1

81

Randip Singh Bains

03-23-18

REGISTERED CIVIL ENGINEER

DATE

03-23-18

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS  
SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR  
COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

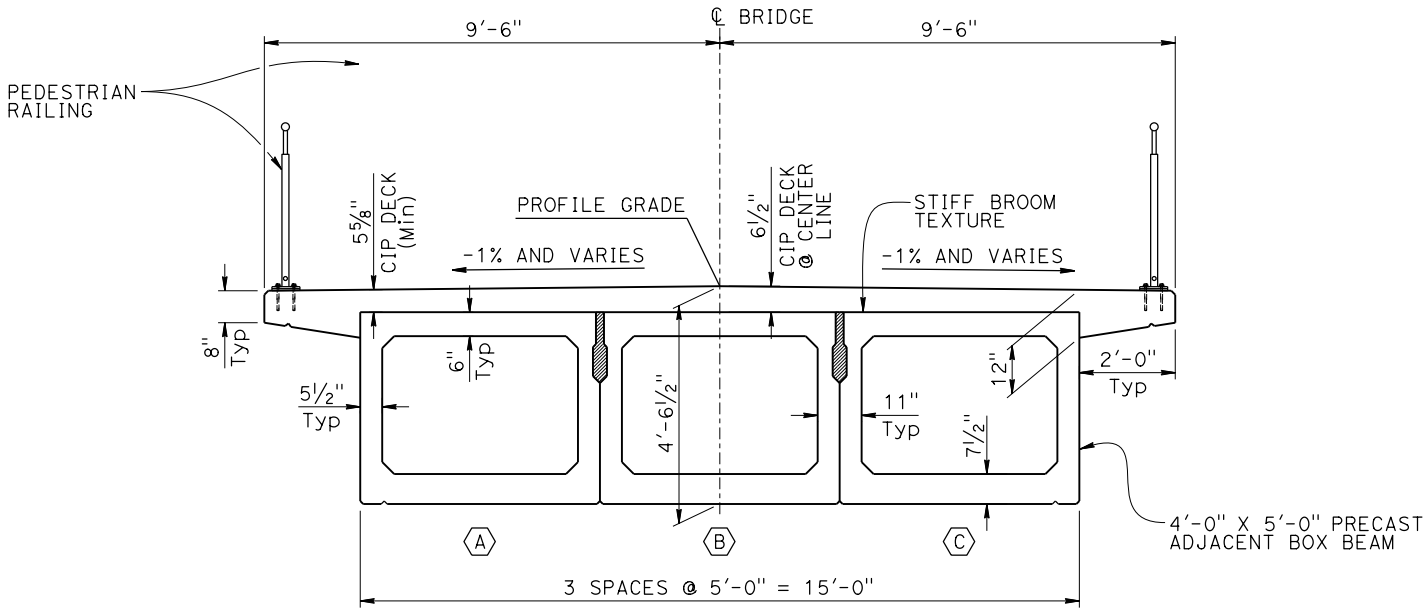
RANDIP S BAINS

No. C64172

Exp. 06-30-19

CIVIL

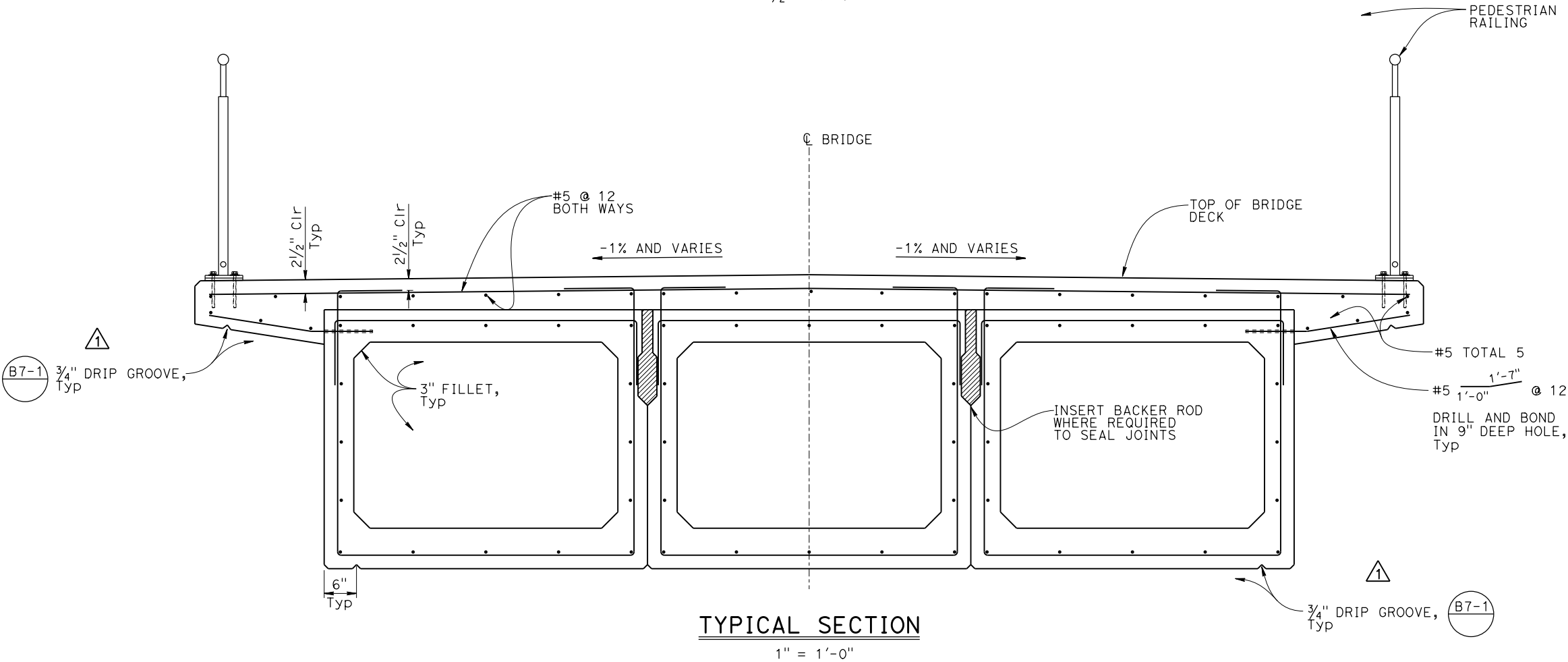
STATE OF CALIFORNIA



TYPICAL SECTION A  
1/2" = 1'-0"

<div>REGISTERED PROFESSIONAL ENGINEER</div> <div>RANDIP S BAINS</div> <div>No. C64172</div> <div>Exp. 06-30-19</div> <div>CIVIL</div> <div>STATE OF CALIFORNIA</div>	3	04-18-18	Note added	RB	KC	CC
	2	04-18-18	Dimensions added and deleted	RB	KC	CC
	1	04-18-18	Callout modified	RB	KC	CC
	MARK	DATE	REVISION(S) DESCRIPTION	DES	CHK	DET
REGISTERED CIVIL ENGINEER: Randip Singh Bains				DATE: 04-25-18		

CHANGE ORDER No. \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_



TYPICAL SECTION B  
1" = 1'-0"



NOTE:  
For Pedestrian Railing Details, see "ROADWAY PLANS".

EXHIBIT P

DESIGN	BY Randip Bains	CHECKED Kuldeep Charan
DETAILS	BY Carlo Cancino	CHECKED Kuldeep Charan
QUANTITIES	BY Kiewit / Mason	CHECKED Chris Traina

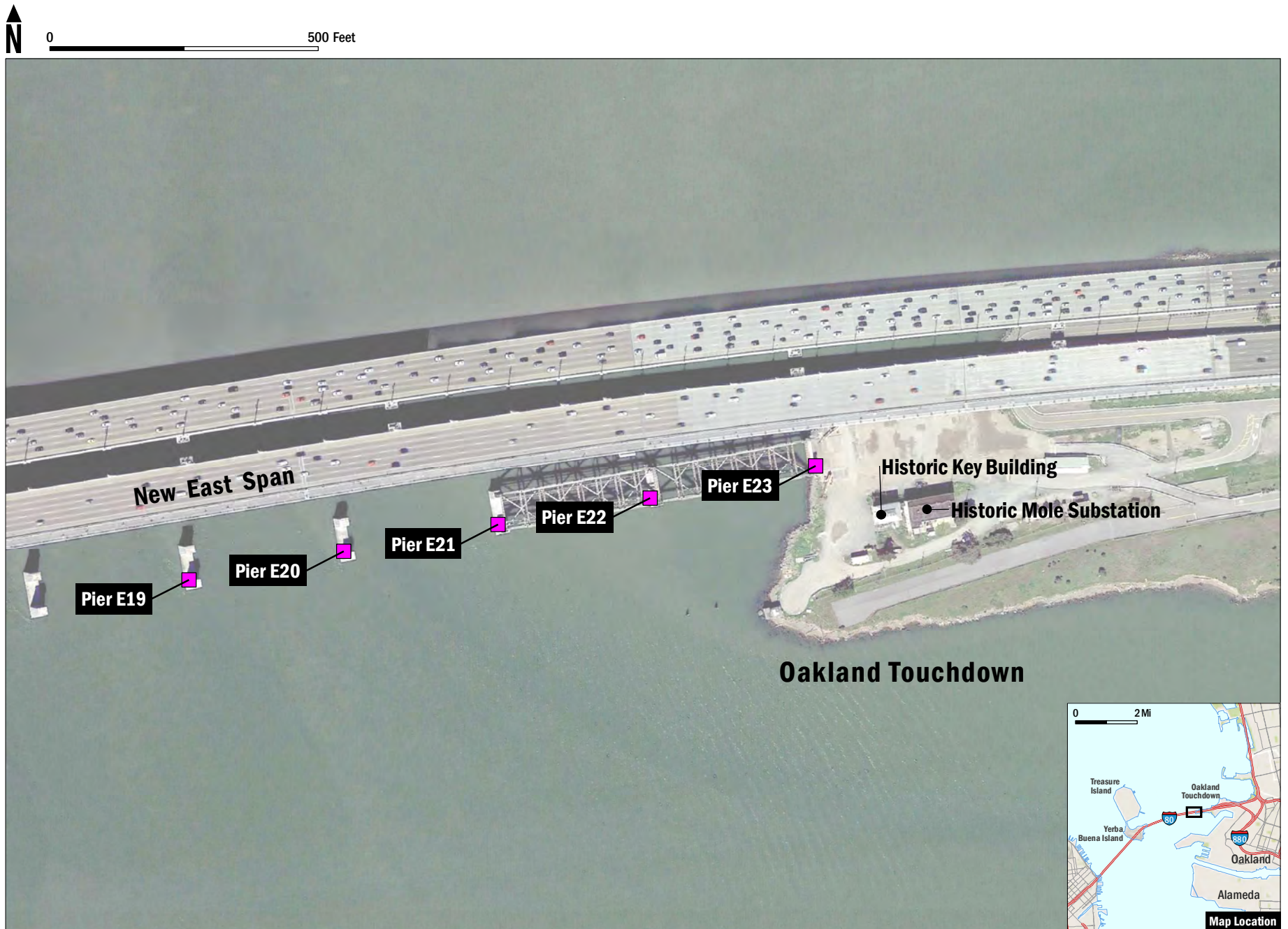
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES  
STRUCTURE DESIGN  
DESIGN BRANCH 8

BRIDGE No.	34-0190Z
POST MILE	R8.26

YERBA BUENA ISLAND OBSERVATION DECK

TYPICAL SECTION



**AECOM**

San Francisco-Oakland Bay Bridge  
East Span Seismic Safety Project

## EXHIBIT Q: PIER E19 - E23 PROJECT AREA



# EXISTING CONDITIONS





# NEW DEDICATED PUBLIC ACCESS AREAS BY JURISDICTION



Table 17: Proposed Public Access Dimensions at the OTD

Feature	Jurisdictional Area		
	Bay on Piers or Decks Over Water		
	Area	Linear Feet	Average Width
New Observation Area on Piers E21 to E23	15,340	590	26





# OAKLAND PLAN - FINAL BUILD-OUT\*

SEE SHEET L-00-01 FOR  
LAYOUT SCHEDULE

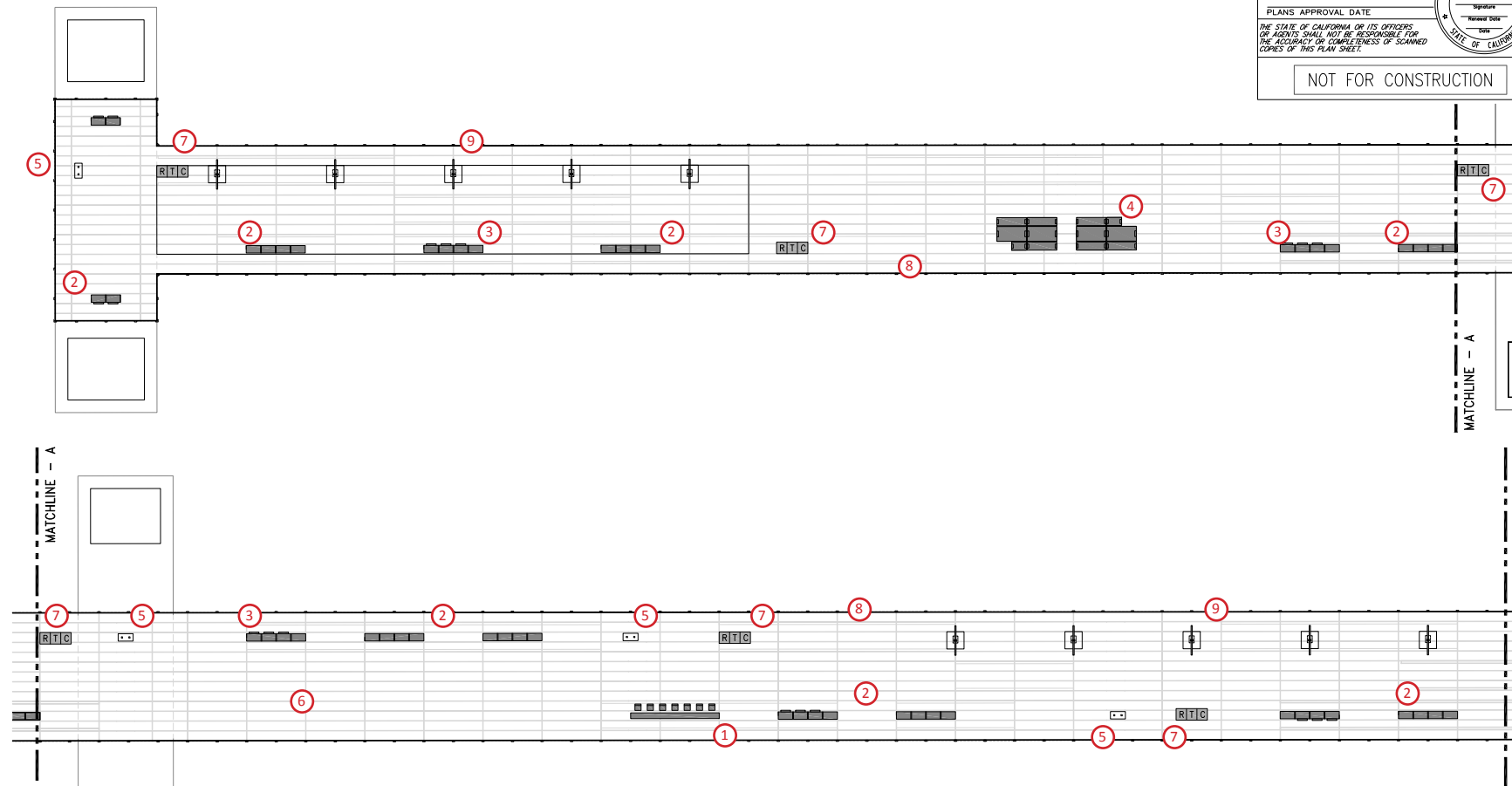
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

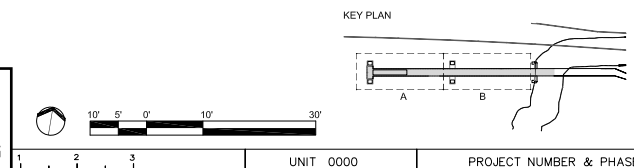
THE STATE OF CALIFORNIA OR ITS OFFICERS  
OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
THE ACCURACY OR COMPLETENESS OF SCANNED  
COPIES OF THIS PLAN SHEET.

NOT FOR CONSTRUCTION



## LEGEND:

- |   |                                     |
|---|-------------------------------------|
| ① RE-PURPOSED STEEL AND CONCRETE COUNTER WITH BAR SEATING | ⑥ FLEX SPACE                        |
| ② BENCHES   | ⑦ TRIPLE STREAM WASTE RECEPTACLES   |
| ③ BENCHES WITH BACKREST                                   | ⑧ RAILINGS WITH INTEGRATED LIGHTING |
| ④ PICNIC TABLE  | ⑨ PEDESTRIAN LIGHTING               |
| ⑤ INTERPRETIVE SIGNAGE PANEL                              | ⑩ BIKE RACKS                        |
|   | ⑪ REPURPOSED BAY STEEL BARRIER RAIL |



OAKLAND PIER	
LAYOUT PLAN	
SCALE: 1"=10'-0"	AS-O-01-01

\*Final layout subject to change

EXHIBIT T



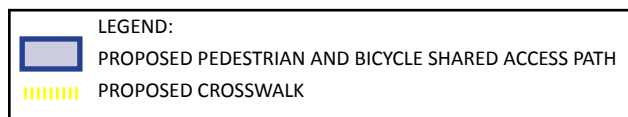
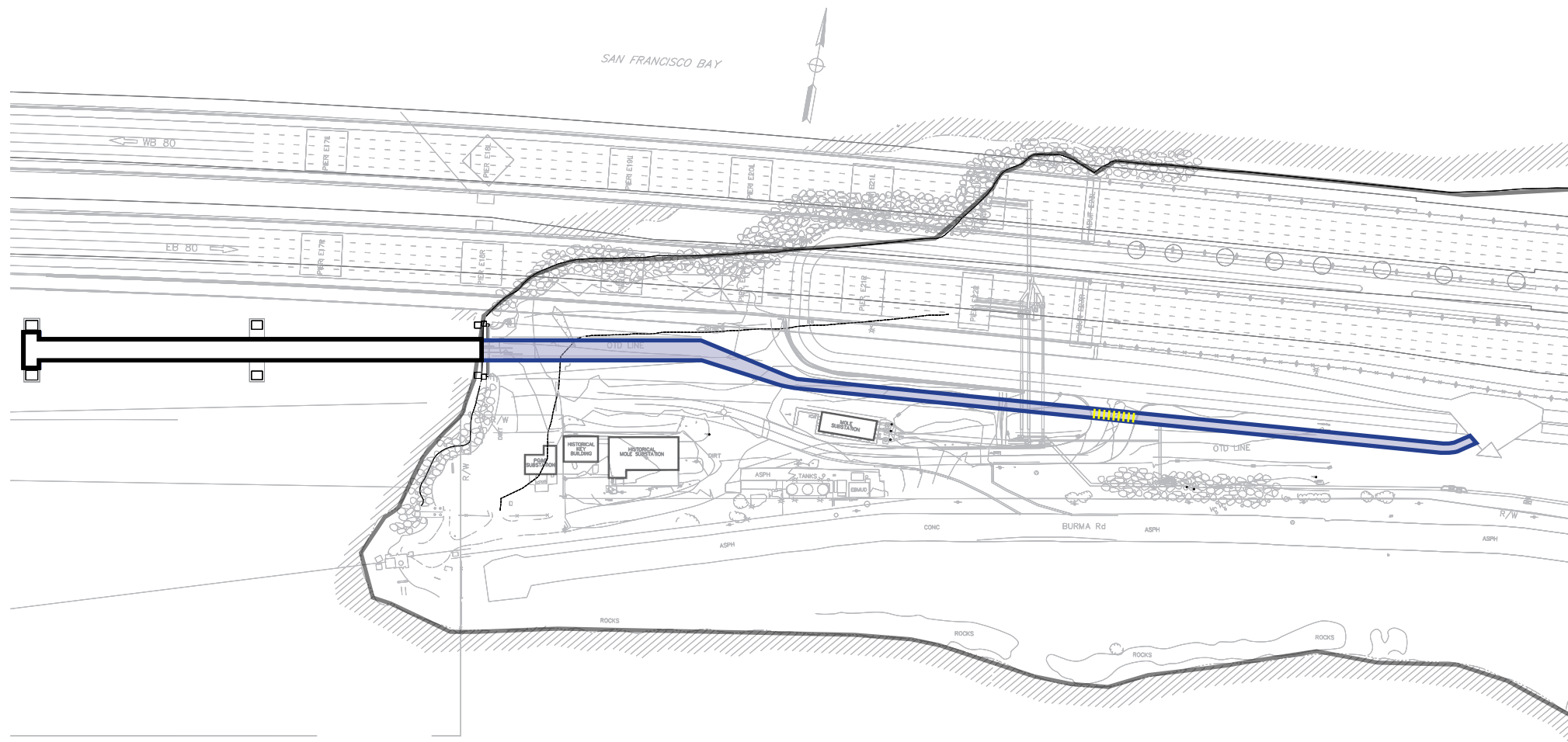
\*Final layout subject to change

## EXHIBIT U

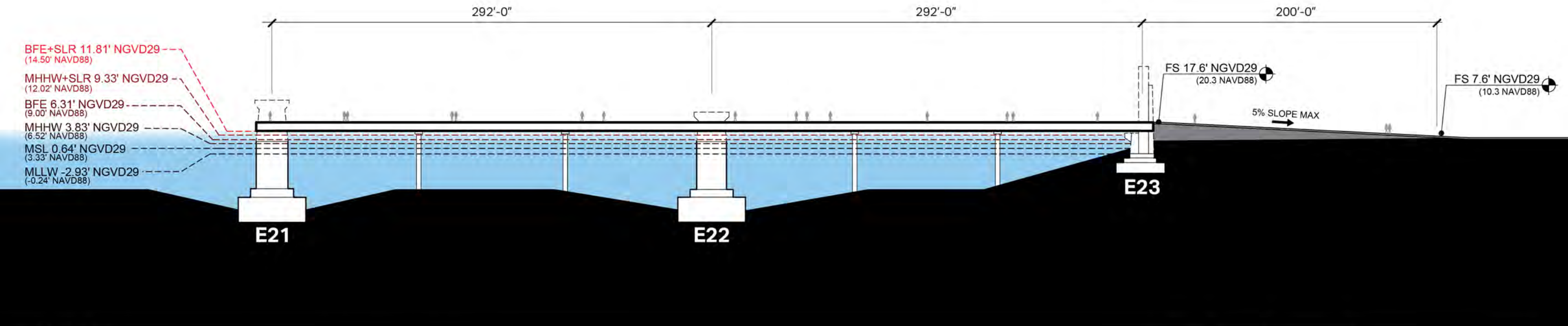




# OAKLAND ACCESS

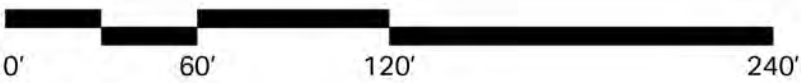


# DESIGN FOR SEA LEVEL RISE



## LEGEND

- BFE** BASE FLOOD ELEVATION (1% ANNUAL CHANCE ELEVATION)
- MHHW** MEAN HIGHER HIGH WATER
- SLR** SEA LEVEL RISE
- MLLW** MEAN LOWER LOW WATER
- MSL** MEAN SEA LEVEL
- EXISTING PROFILE**
- NEW FILL**







# VIEWS - OAKLAND - FINAL BUILD OUT

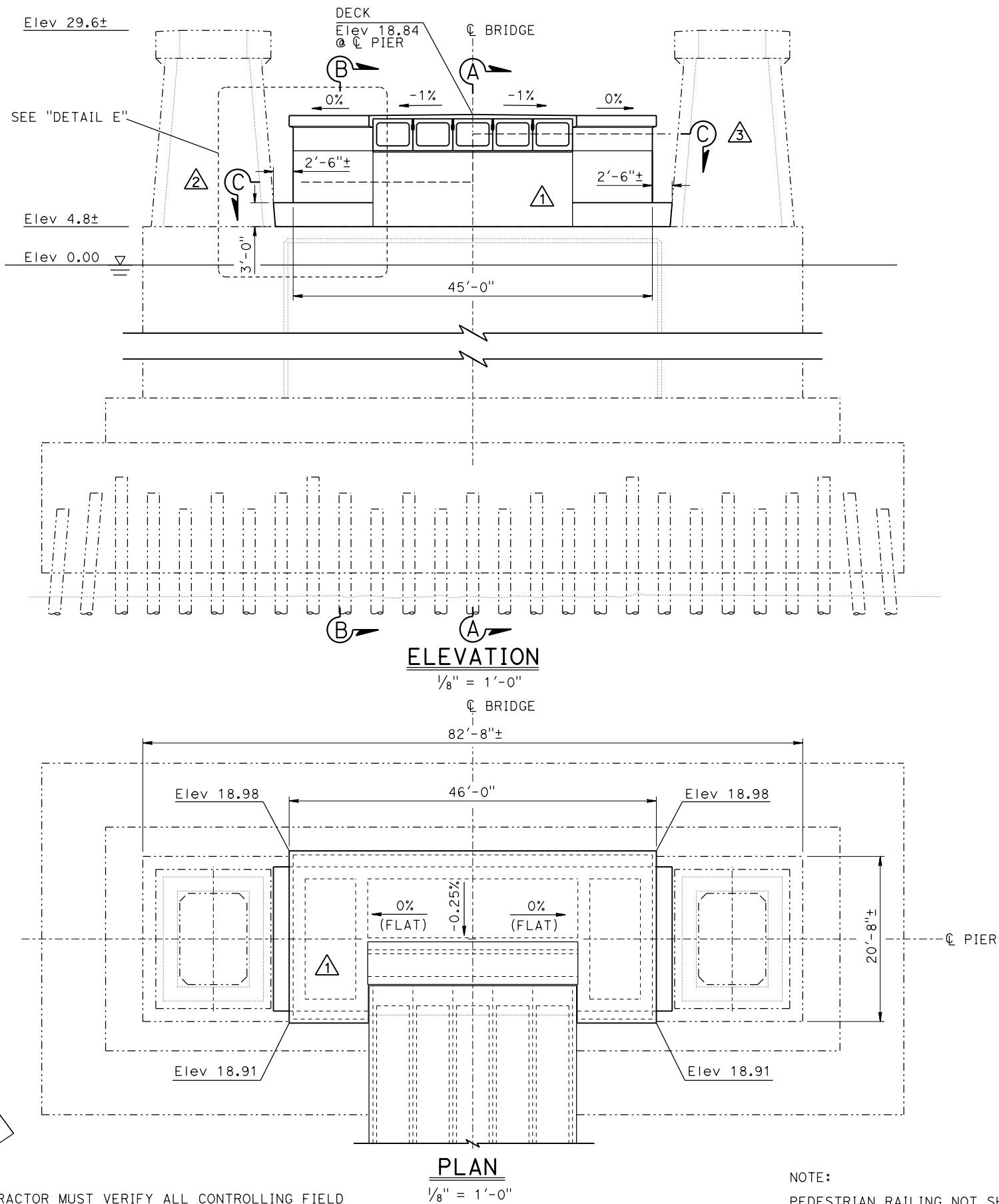




# VIEWS - OAKLAND - FINAL BUILD OUT







NOTE:  
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD  
DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

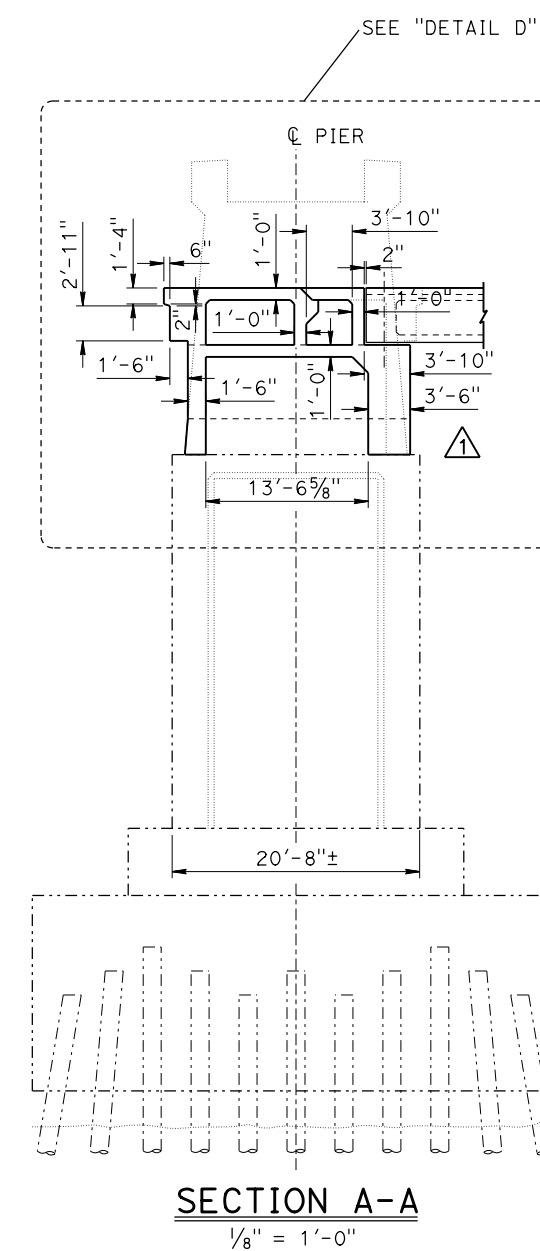
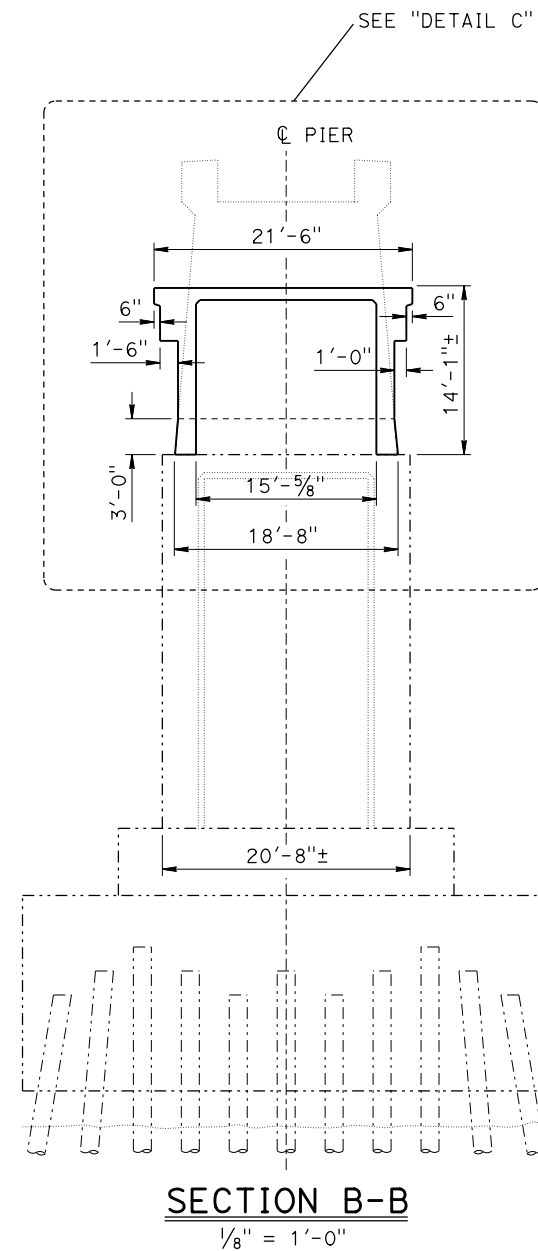
NOTE:  
PEDESTRIAN RAILING NOT SHOWN.

LEGEND:  
----- Indicates existing

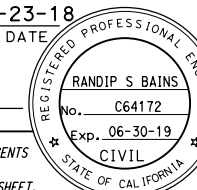
- NOTES:
- For "DETAIL C" and "DETAIL D", see "EXISTING PIER E21 DETAILS No. 2" sheet.
  - For "DETAIL E" and "SECTION C-C", see "EXISTING PIER E21 DETAILS No. 3" sheet.

	1	04-16-18	SECTION C-C cut modified	RB	KC	CC
	2	04-16-18	Detail callout enlarged	RB	KC	CC
	3	04-16-18	Design and details modified	RB	KC	CC
	MARK	DATE	REVISION(S) DESCRIPTION	DES	CHK	DET
REGISTERED CIVIL ENGINEER: Randy S. Bains				DATE: 05-01-18		

CHANGE ORDER No. \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF, Alq	80	8.0/8.3 0.9/1.4	56R1	81
Randy S. Bains 03-23-18 REGISTERED CIVIL ENGINEER DATE					
03-23-18 PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



## EXHIBIT Z

DESIGN	BY Randy Bains	CHECKED Kuldeep Charan
DETAILS	BY Carlo Cancino	CHECKED Kuldeep Charan
QUANTITIES	BY Kiewit / Mason	CHECKED Chris Traina

STATE OF  
CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES  
STRUCTURE DESIGN  
DESIGN BRANCH 8

BRIDGE No.	33-0762Z
POST MILE	R0.96

OAKLAND SHORE OBSERVATION DECK  
EXISTING PIER E21 DETAILS No. 1

STRUCTURES DESIGN DETAIL SHEET  
(ENGLISH) (REVISION 3/17/2017)

DATE PLOTTED => 01-MAY-2018 TIME PLOTTED => 14:29  
FILE => 33-0762Z-e-exist\_pier\_e21\_details.dwg => s134003

ORIGINAL SCALE  
IN INCHES FOR  
REDUCED PLANS

0 1 2 3

UNIT: 3593  
PROJECT NUMBER & PHASE: 0416000289, 1 CONTRACT No.: 04-013584

DISREGARD PRINTS BEARING  
EARLIER REVISION DATES

REVISION DATES	SHEET	OF
02-09-18 03-13-18 03-19-18	6	31